

CLAIMS

- 5 1. A procoagulant composition comprising a blood factor selected from the group consisting of Factor Xa, Factor IXa, and Factor VIIa, or a polypeptide fragment thereof, which blood factor has been transiently modified to have little or no enzymatic activity.
- 10 2. A blood factor selected from the group consisting of Factor Xa, Factor IXa, activated Protein C, and Factor VIIa, which has been modified to extend its half-life in serum wherein said modified form of blood factor generates active factor blood factor in the presence of serum.
- 15 3. The modified blood factor of claim 2 which is acylated blood factor.
4. A pharmaceutical composition for use in treating hemophilia which comprises the modified blood factor of claim 2 in admixture with a pharmaceutically acceptable excipient.
- 20 5. A method to treat hemophilia in human subjects which method comprises administering to a subject in need of such treatment an amount of a blood factor selected from the group consisting of Factor Xa, Factor VIIa, and Factor IXa, which blood factor has been modified to extend its half-life in serum effective to offset the effects of hemophilia in said subject.